

ABSTRACT

Disclosed is a novel biodegradable block for models, which has excellent workability and machinability and has mechanical properties suitable for models, while surely ensuring its biodegradability. The block is made of a biodegradable plastic material comprising a biodegradable polymer as the base polymer. The biodegradable polymer is a mixture comprising an esterified starch having a degree of substitution (DS) of about 0.4 or more and an esterified cellulose having a DS of about 0.4 or more, in ratio by weight, the former/the latter, of being from 10/0 to 1/9. The plastic material may further contain any of ester plasticizer and organic or inorganic fillers to make the block have desired physical properties.